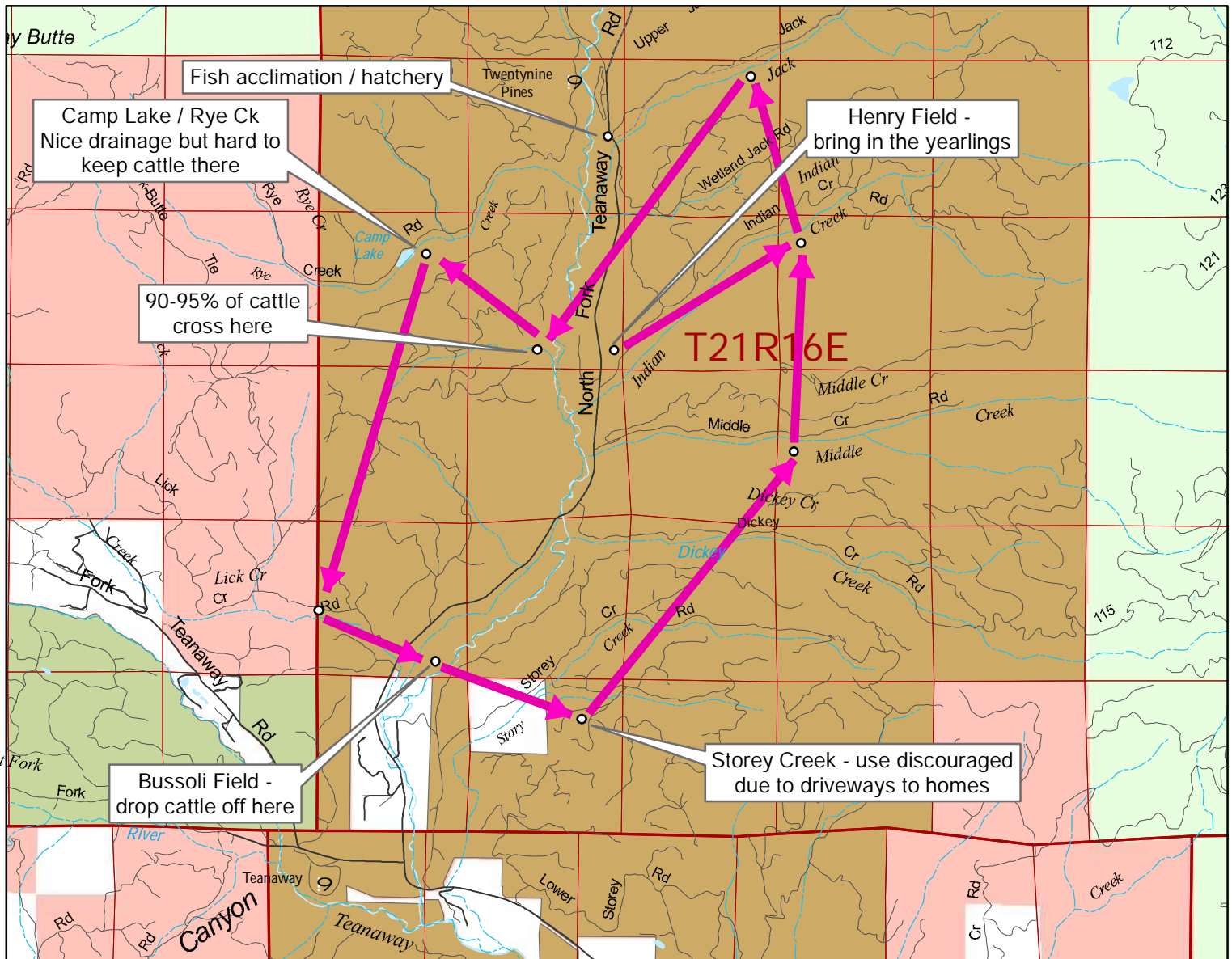


Grazing Rotation - Sam Kayser Lease



The grazing rotation lines on this map are a graphic representation only and may not predict accurate grazing patterns.

Grazing Leases

- SAM KAYSER
- FUDACZ BROTHERS
- J E BURKE
- Grazing Rotation

Not Leased for Grazing

- Teanaway Community Forest
- Washington Dept. of Natural Resources
- US Forest Service
- Washington Dept. of Fish & Wildlife

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Information about Forest Practices rules related to timber harvest, forest roads, RMAP, fish barriers, and silvicultural activities can be found at:

<http://www.dnr.wa.gov/BusinessPermits/ForestPractices/Pages/Home.aspx>

Information about USFS recreation opportunities in the area, including the Teanaway area can be found at:

<http://www.fs.usda.gov/recarea/okawen/recarea/?recid=57117>



Information on the DNR Recreation program including restoration of recreation areas, recreation planning, Discover Pass, volunteer opportunities and more can be found at:

<http://www.dnr.wa.gov/RecreationEducation/Recreation/Pages/Home.aspx>

Information about Forest Health and other forestry related news can be found at:

<http://www.dnr.wa.gov/ResearchScience/ForestryForestEcology/Pages/Home.aspx>

The latest Forest Health Highlight Report is at:

http://www.dnr.wa.gov/Publications/rp_fh_2013_forest_health_highlights.pdf

Still can't find the information you are looking for?

You can contact:

Larry Leach

Assistant Region Manager—Timber, Recreation, & Natural Areas

Southeast Region

Washington State Department of Natural Resources (DNR)

Office: (509) 925-0923

Cell: (509) 859-4791

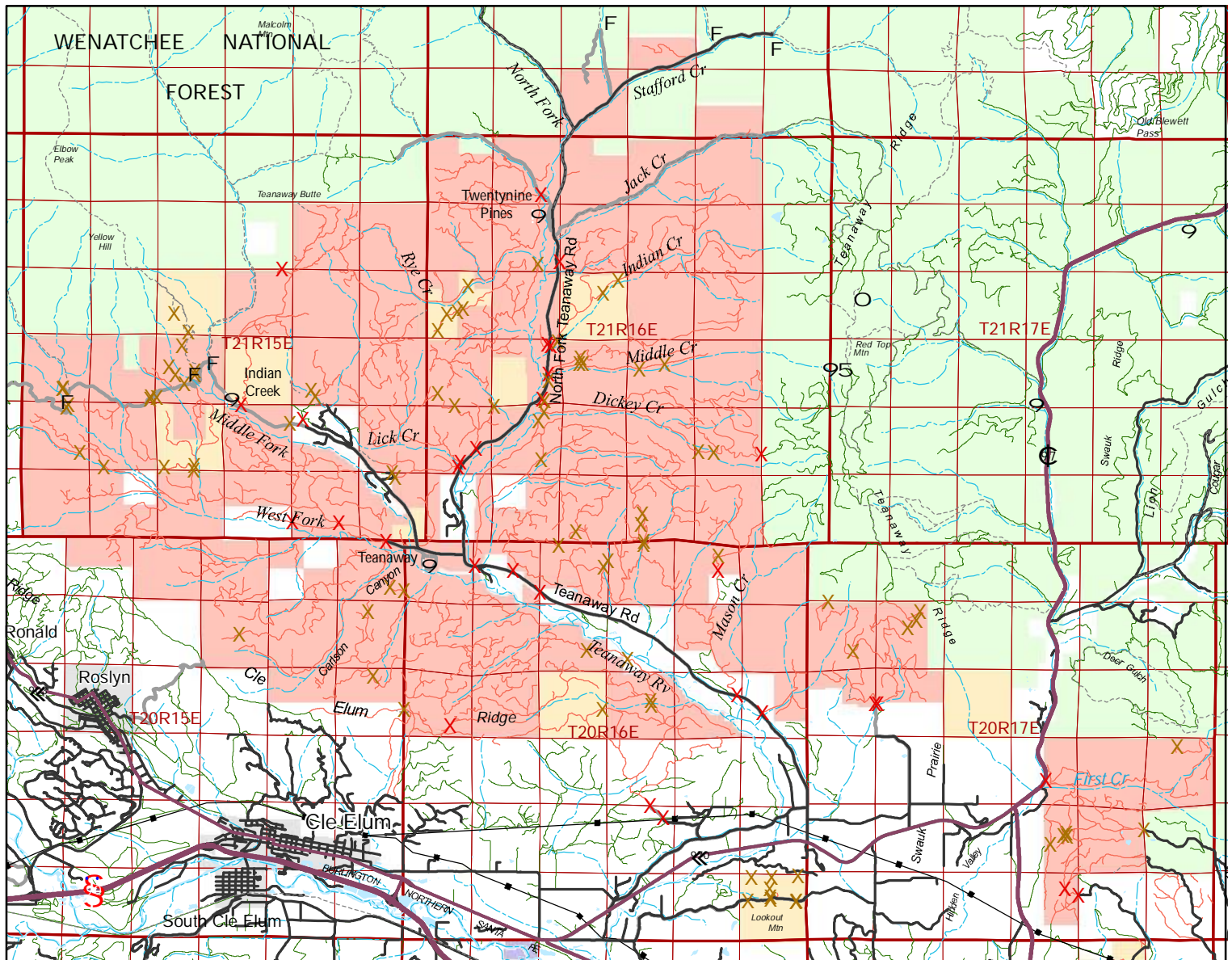
larry.leach@dnr.wa.gov

www.dnr.wa.gov



Public Access

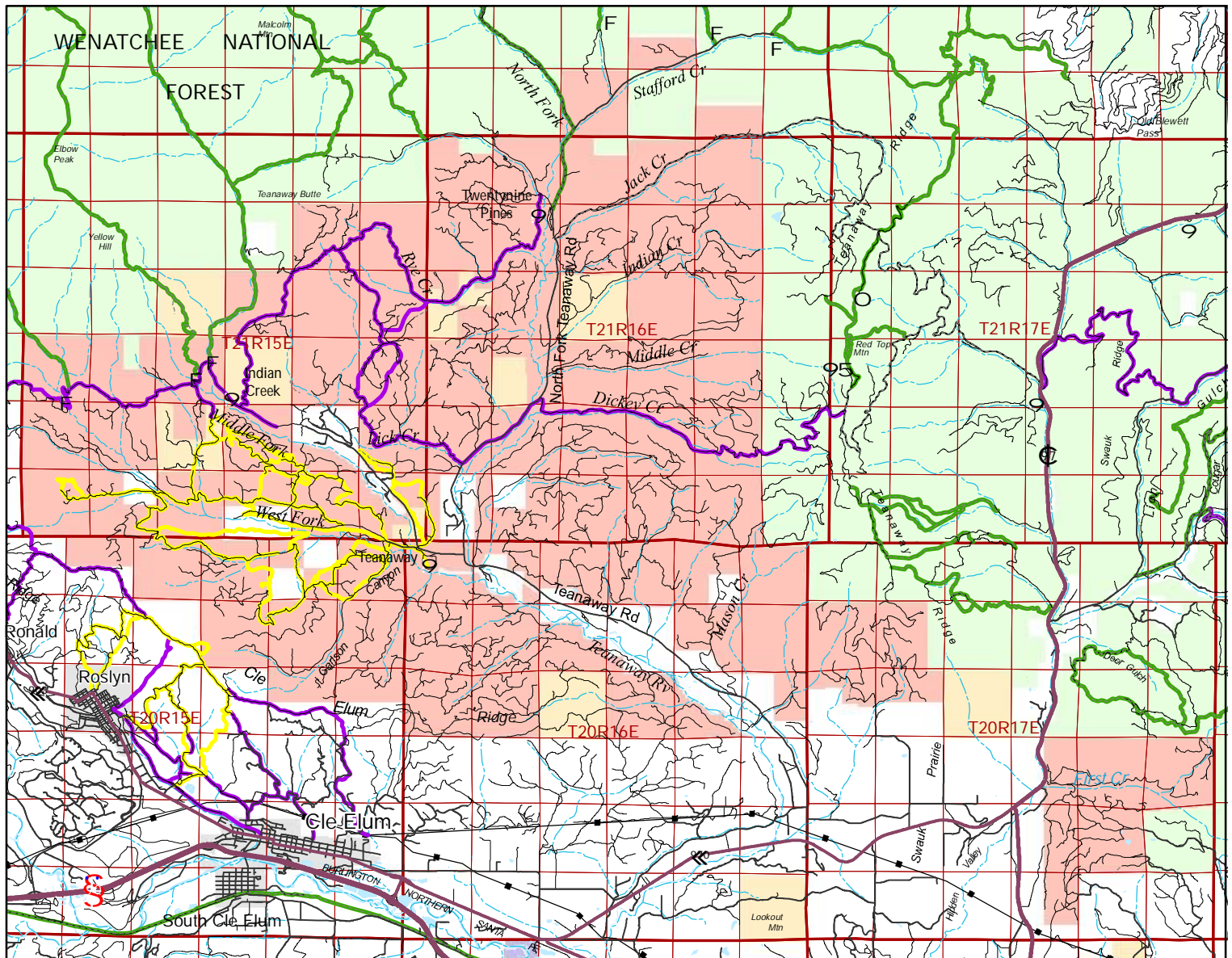
DRAFT MAP
For Discussion Purposes Only
Subject to Change Without Notice



- | | |
|--------------------------|---------------------------------------|
| — County Road | Teaaway Community Forest |
| — 3-Season Access | Washington Dept. of Natural Resources |
| — Management Access Only | US Forest Service |
| — Unknown Access | Washington Dept. of Fish & Wildlife |
| × Gate | |
| × Earth Barricade | |

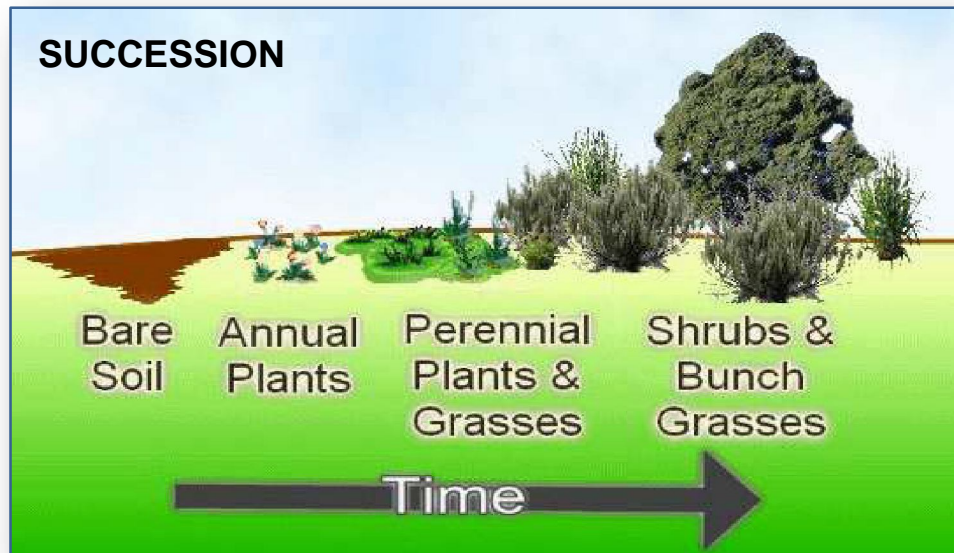
Trails

DRAFT MAP
For Discussion Purposes Only
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- | | |
|---|---|
| — Trails Normally Maintained | Teanaway Community Forest |
| — X-C Ski/Snomobile Trail | Washington Dept. of Natural Resources |
| — Other Trail | US Forest Service |
| | Washington Dept. of Fish & Wildlife |

Invasive Species



- Succession explains how an area begins as bare soil and then, as time passes, annual plants begin to grow, followed by perennial plants and grasses and finally, shrubs and bunch grasses.
- The progression of species that appear on the landscape over time is called succession. Progression toward non-native plants that creates monocultures and harms the environment and economy is called invasion.

Tools - There is no silver bullet solution nor is there one right way to solve all our invasive plant problems.

- Chemical
- Biological
- Physical/Mechanical

An ecosystem with an invasive species infestation can be the result of any or all there causes of succession in disrepair.

EBIPM model was developed based on the 3 general causes of succession:

- **Site Availability** –Are there places (niches) for a plant to grow on the site?
- **Species Availability** – Are there seed sources available to occupy the site if niches are available?
- **Species Performance** –Are optimum levels of resources available to allow the plant to perform (grow and reproduce) to its maximum capabilities?

•

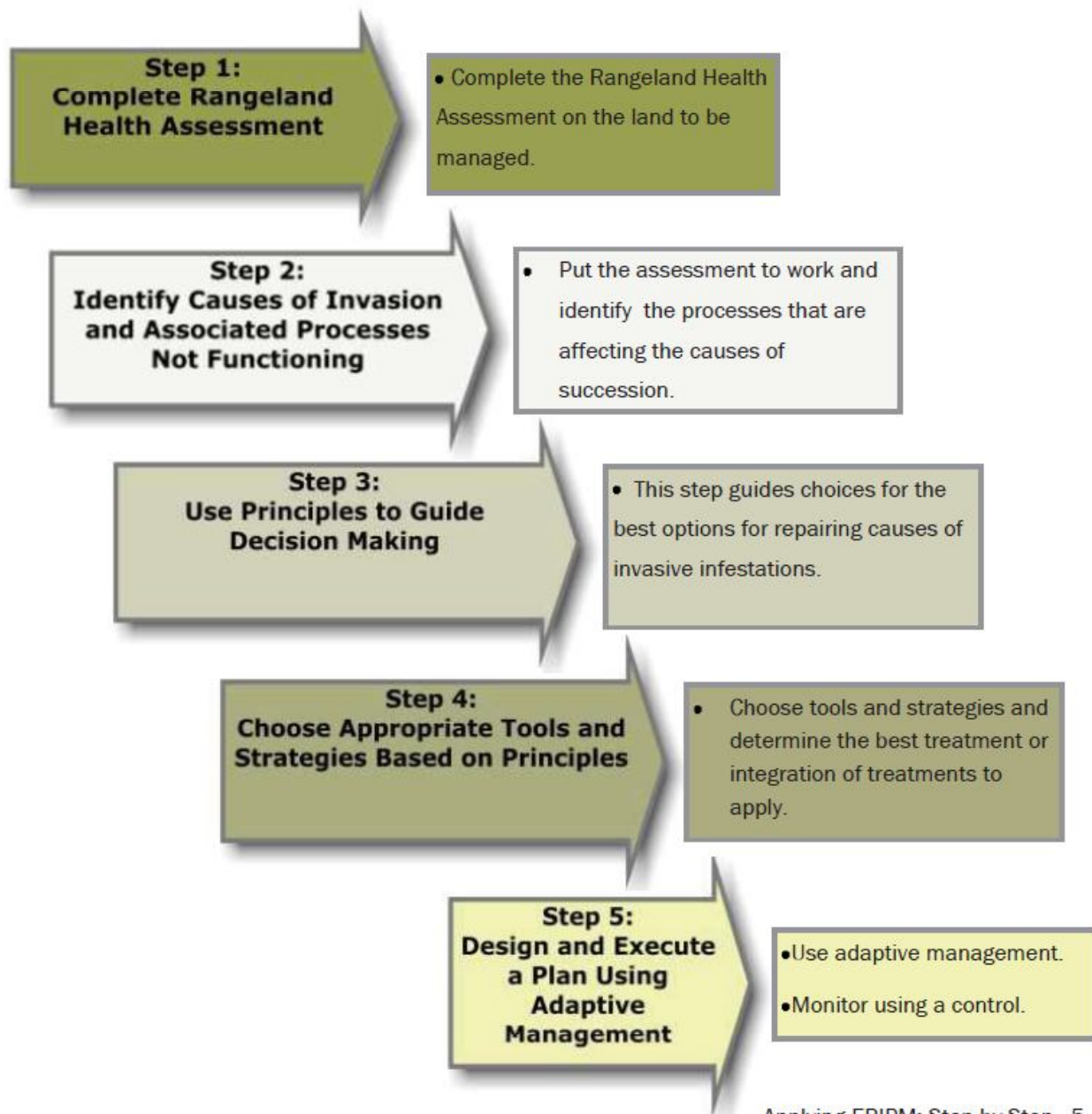
Benefits of Implementing Ecologically-Based Invasive Plant Management:

- Find the true causes of invasive weeds
- Develop treatments with proven science behind them
- Get ideas, skills and practical know-how to overcome challenges of invasive weeds
- Learn by doing—find what works best on your land
- Ability to adapt as you go, to keep progressing toward goals

Applying EBIPM: Step by Step

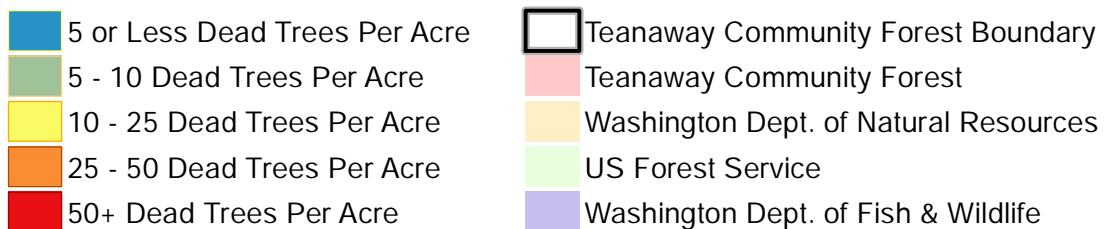
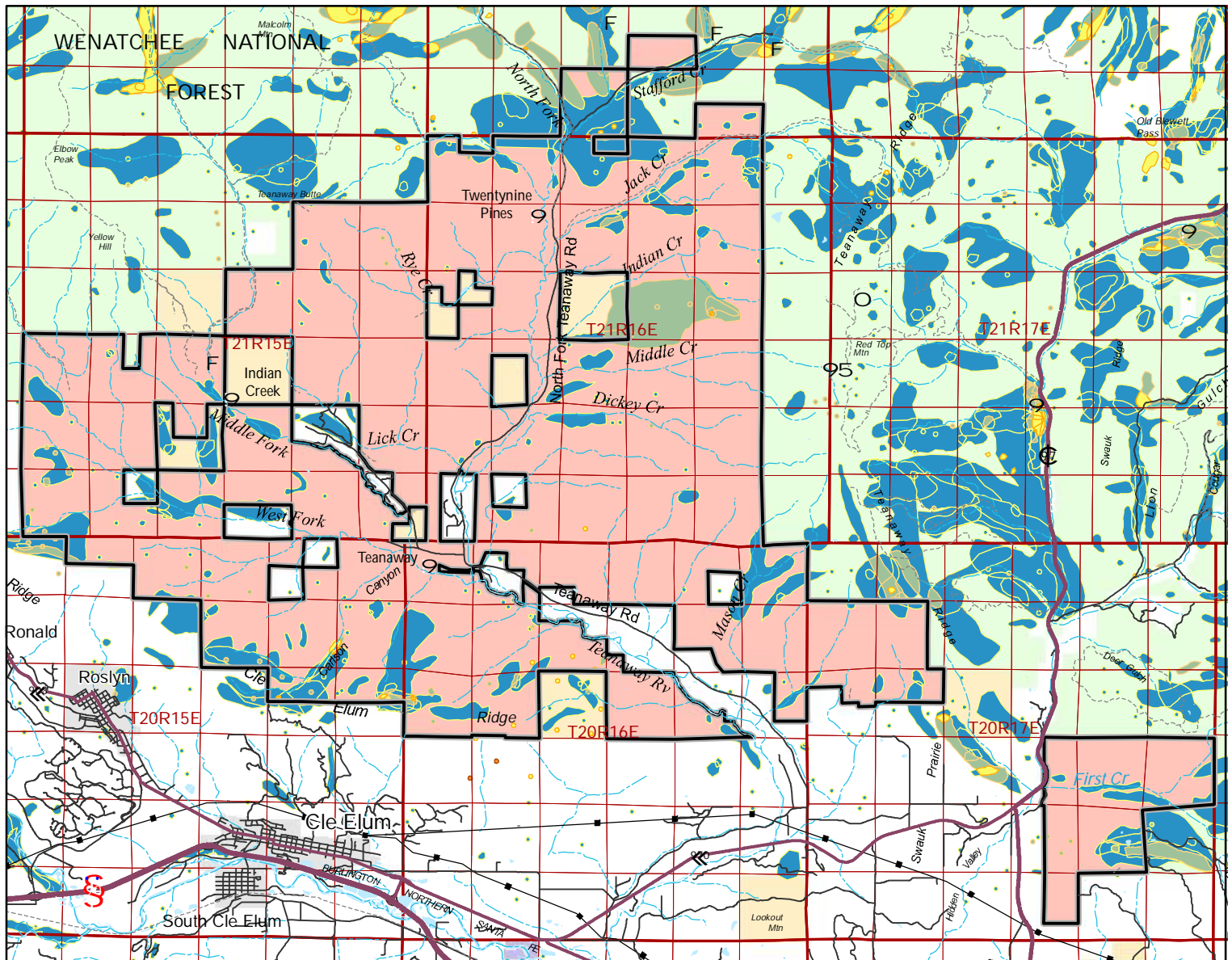
The EBIPM decision model is a comprehensive decision tool that can be broken down in a step-by-step format for anyone wanting to implement effective invasive species management.

On the following page is the complete EBIPM model. The remainder of this guide will examine the steps of this model.



Timber Mortality

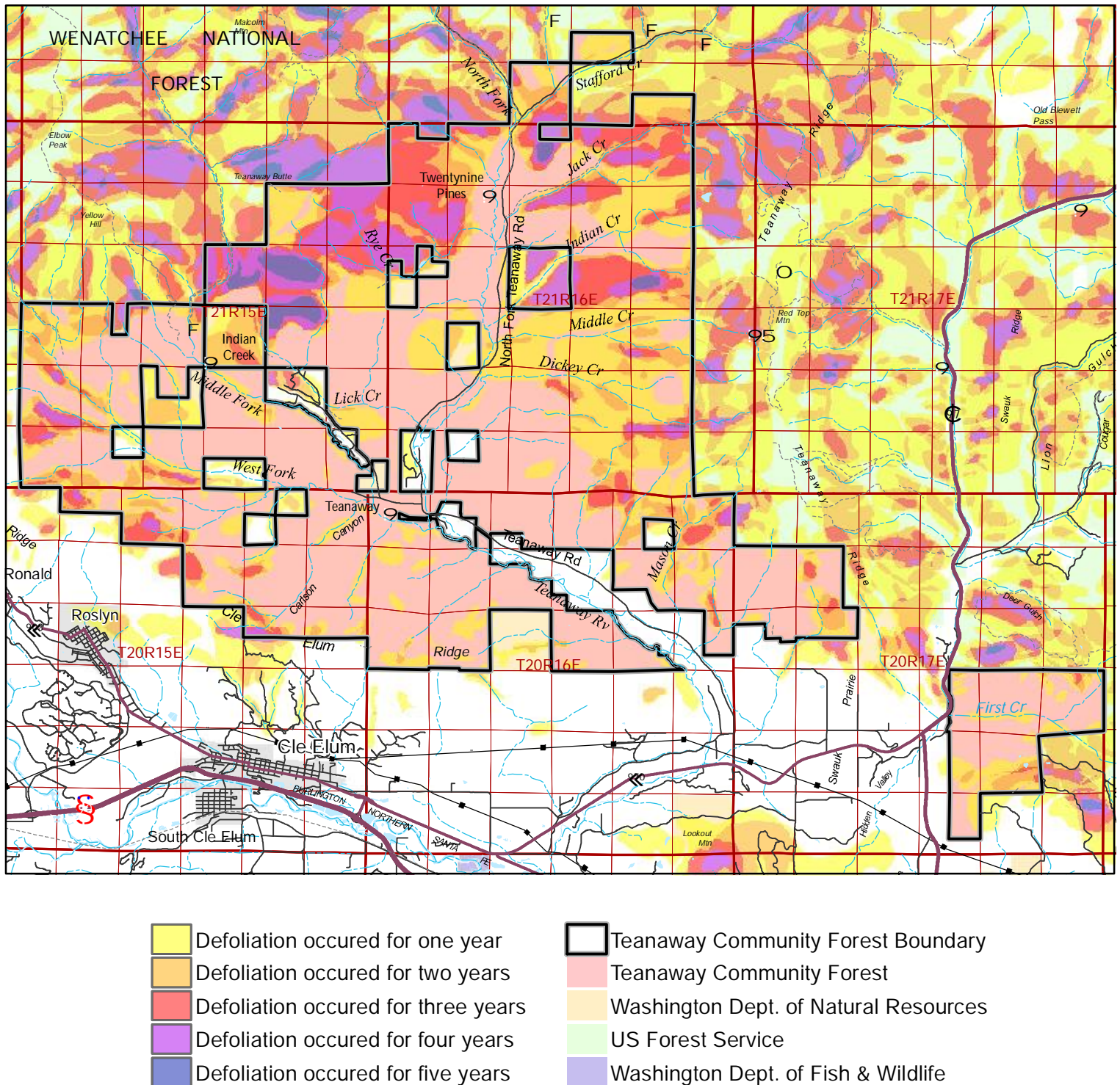
DRAFT MAP - Subject to Change Without Notice



Source: Insect & disease aerial detection survey 1998-2012.

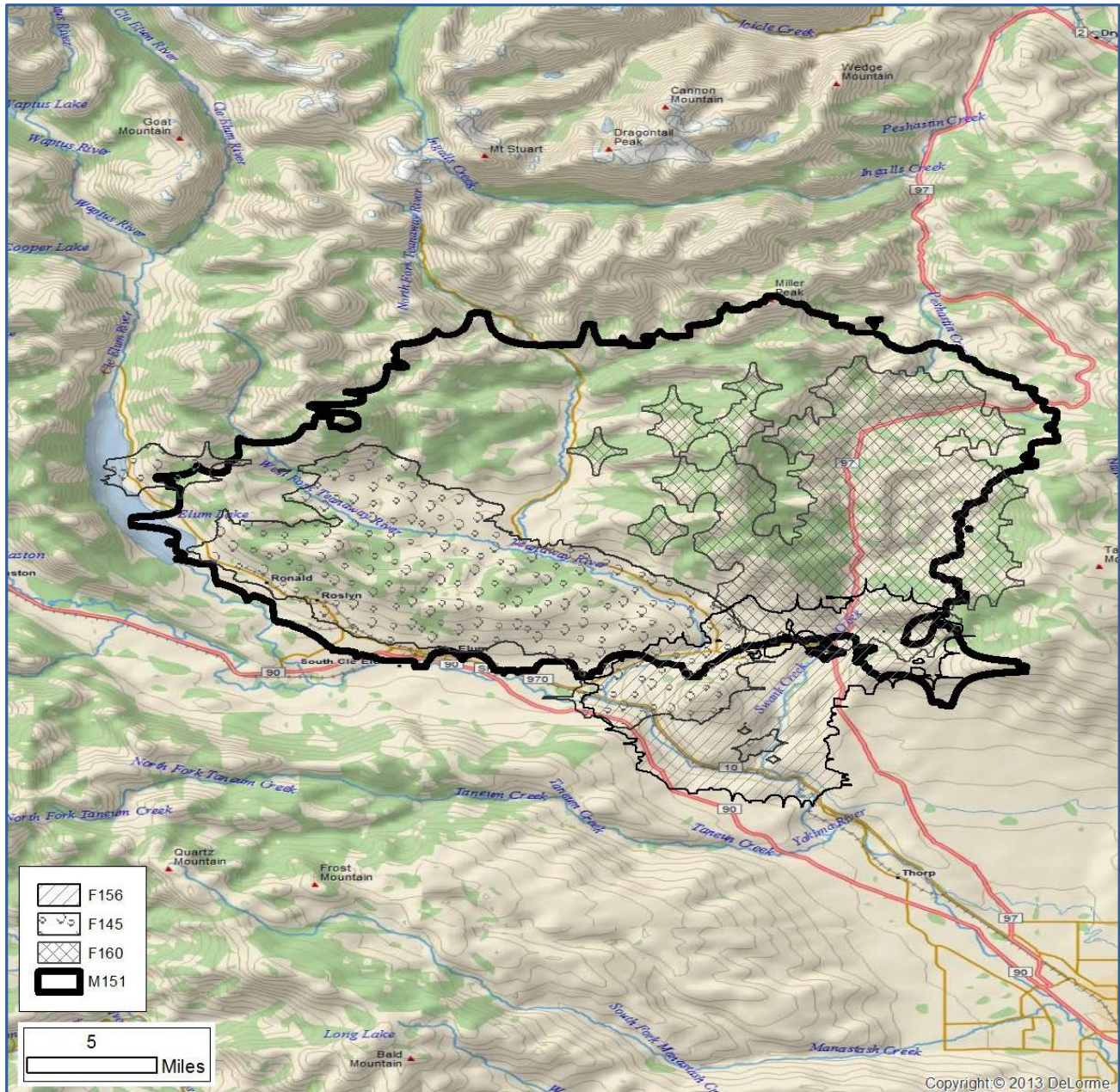
Timber Defoliation

DRAFT MAP - Subject to Change Without Notice



Source: Insect & disease aerial detection survey 1998-2012.

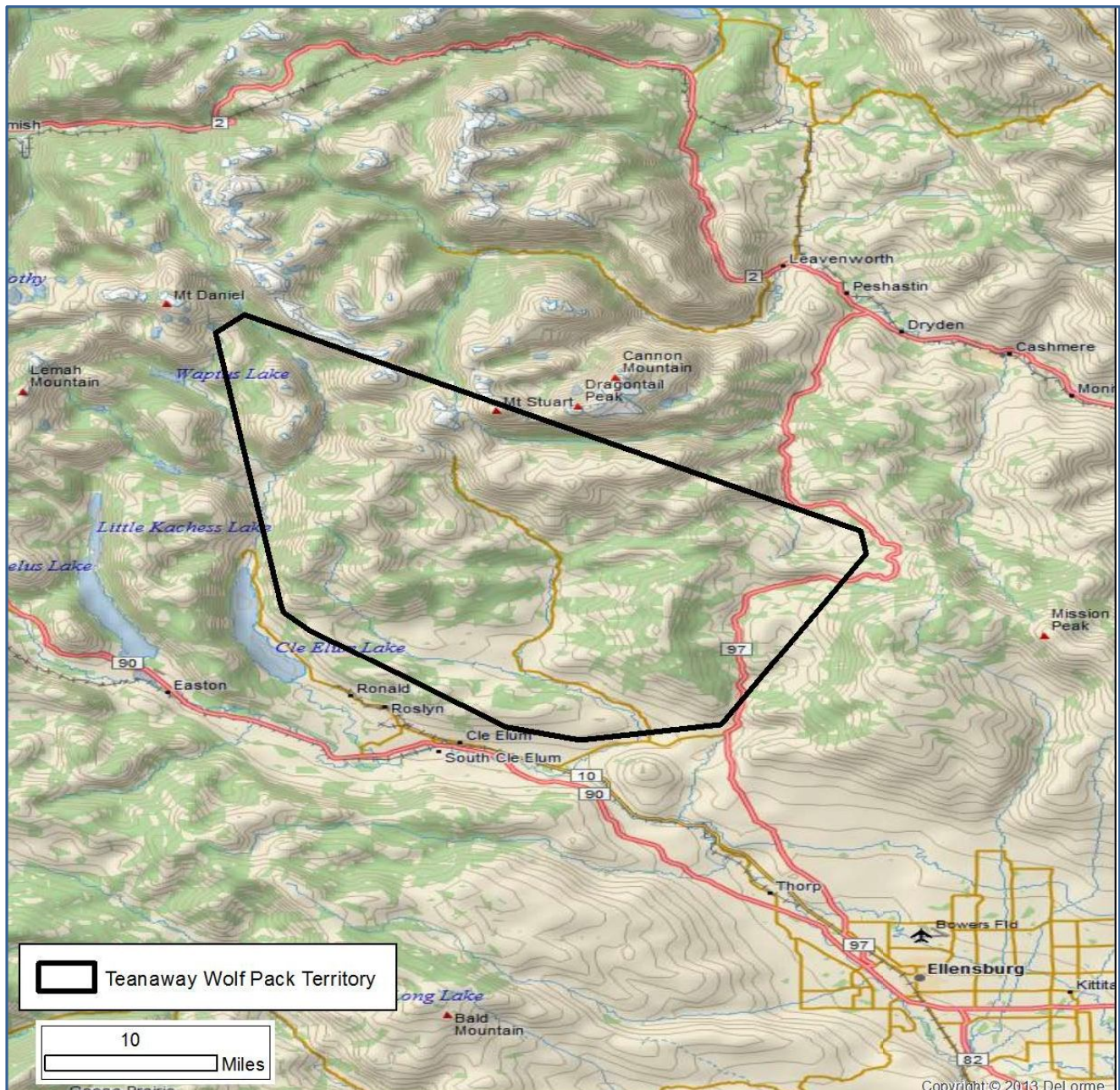
Cougar Home Ranges (3F, 1M) In the Teanaway



Male = 150 mi²

Female = 60 mi²

Pack Territory of Teanaway Wolves



Average pack territories = 314 mi²

TOUR STOP #5 – WAGON WHEEL



Fire History in the Teanaway since 1994

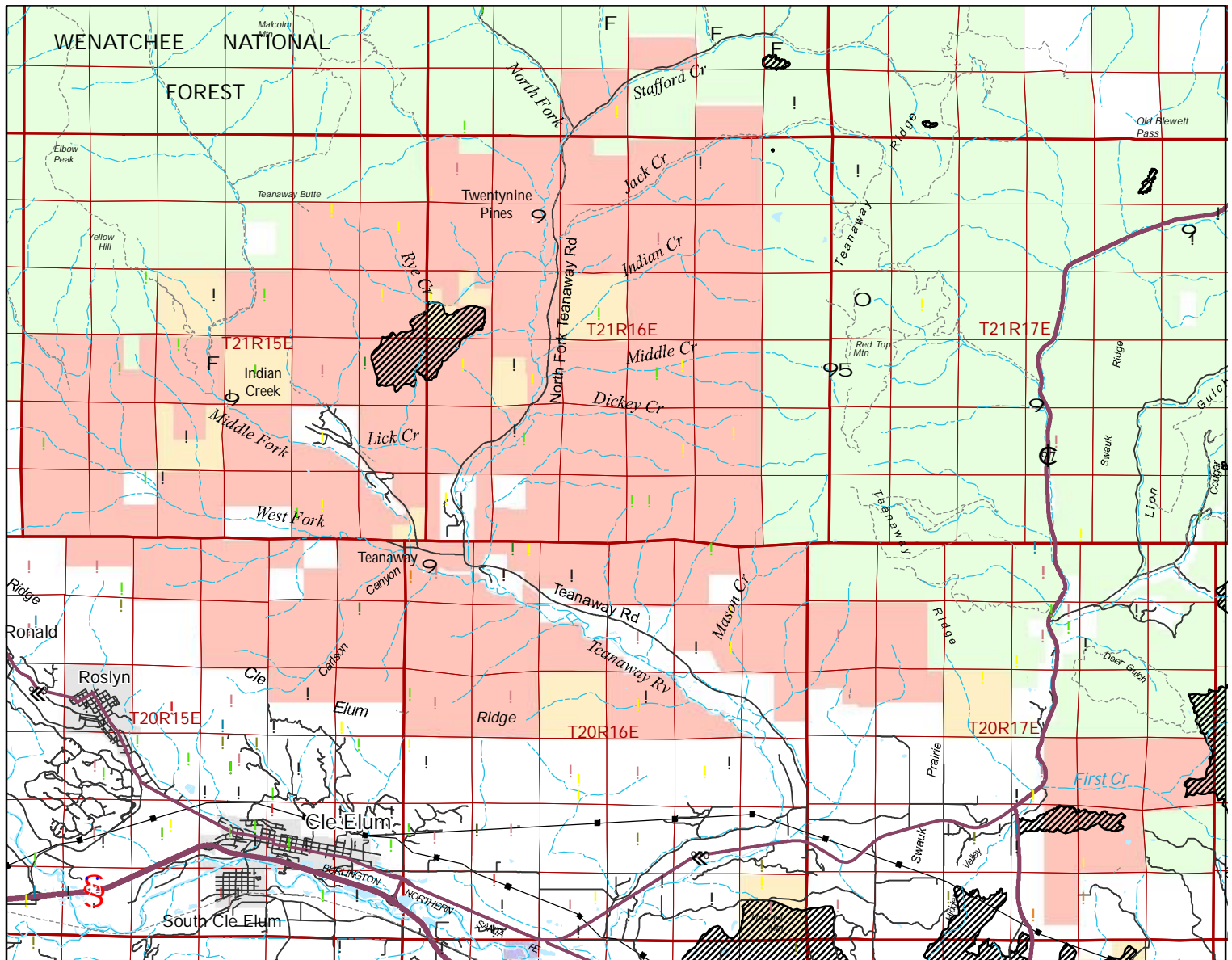
- 51 total fires
- 1 - type 3 fire
- 2- type 2 fire
- 1- type 1 fire
- Several fires with imminent threat

Main fire concerns/ threat

- Limited access in certain areas – gated roads, road conditions
- One main route in and out
- Forest health
- Increasing structures growth in the Wildland Urban Interface (WUI)
- Recreation use and locations



Fire Occurrence



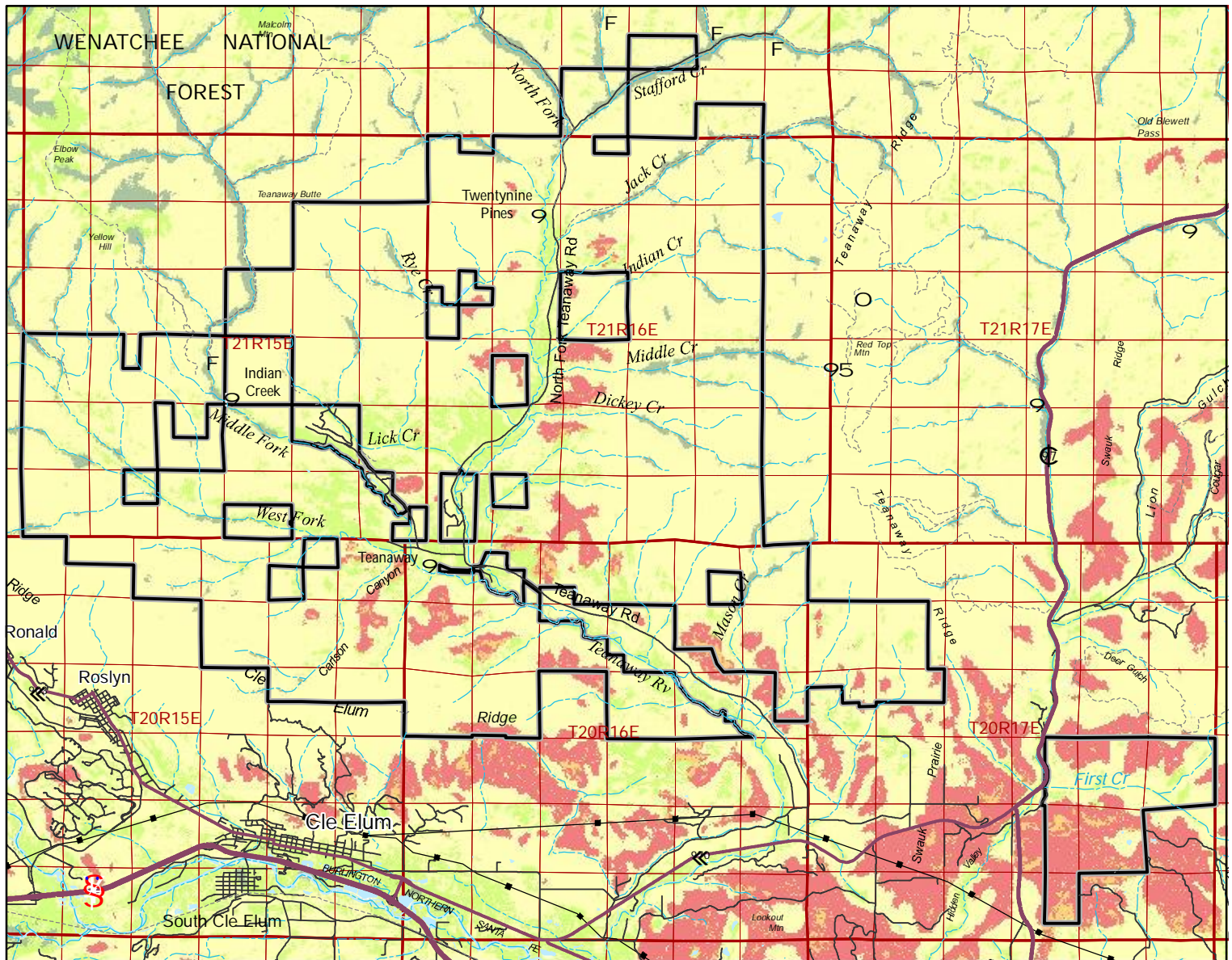
Fire Location by Cause

! Lightning (16 in TCF)	! Children	<div style="display: inline-block; width: 20px; height: 10px; background-color: #f8d7da; border: 1px solid #f5c6cb; margin-bottom: 5px;"></div> Teanaway Community Forest <div style="display: inline-block; width: 20px; height: 10px; background-color: #fff3cd; border: 1px solid #ffeeba; margin-bottom: 5px;"></div> Washington Dept. of Natural Resources <div style="display: inline-block; width: 20px; height: 10px; background-color: #d4edda; border: 1px solid #c3e6cb; margin-bottom: 5px;"></div> US Forest Service <div style="display: inline-block; width: 20px; height: 10px; background-color: #d1ecf1; border: 1px solid #bee5eb; margin-bottom: 5px;"></div> Washington Dept. of Fish & Wildlife
! Arson	! Railroad	
! Recreation (11 in TCF)	! Miscellaneous (8 in TCF)	
! Smoker (2 in TCF)	! Undetermined (11 in TCF)	
! Debris Burn	<div style="display: inline-block; width: 20px; height: 10px; background: repeating-linear-gradient(45deg, transparent, transparent 2px, black 2px, black 4px); border: 1px solid black; margin-bottom: 5px;"></div> Large Fires	
! Logging (3 in TCF)		

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Fire Regime Groups

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- Teanaway Community Forest Boundary
- Fire Regime I: 0-35 year frequency, low to mixed severity
- Fire Regime II: 0-35 year frequency, replacement severity
- Fire Regime III: 35-200 year frequency, low to mixed severity
- Fire Regime IV: 35-200 year frequency replacement severity
- Fire Regime V: 200+ year frequency, any severity

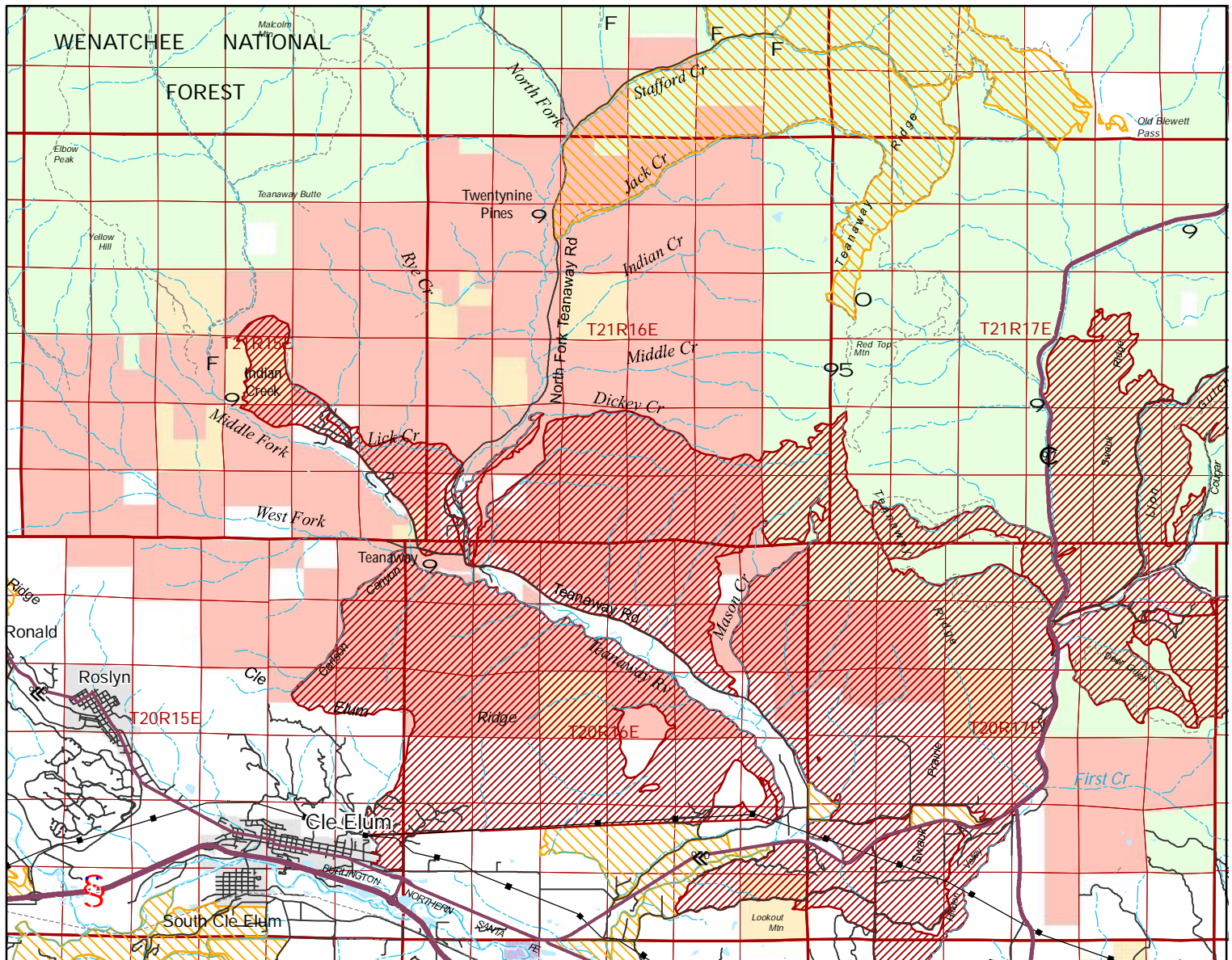
Fire Regime Groups are based on:

- Fire Frequency
- Fuel Loading
- Terrain



Source: USFS LANDFIRE project.





Current Fire Risk Assessment

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Fire Risk

-  Extreme fire hazard
-  High fire hazard

-  Teanaway Community Forest
-  Washington Dept. of Natural Resources
-  US Forest Service
-  Washington Dept. of Fish & Wildlife

Fire Risk Assessments are based on:

- Terrain
- Fuel Loading
- Structure Make Up
- Fire Frequency

Risk assessments are determined using
National Standard Rating Form NFPA 299

Source: Field surveys using protocol developed by National Fire Protection Association.

Wagon Wheel Fuels Reduction Project - 2010



Wagon Wheel Fuels Reduction Project - 2010



Wagon Wheel

- 120 parcels within the community
- Approximately 50 structures
- Became a Fire Wise Community in 2010
- The Kittitas Conservation District hired contractors for 35 individual landowner projects.
- A roving chipper was made available through the Conservation District, which 20 landowners used to abate their own slash.

Outside Wagon Wheel

- Ten other landowners participating in the Conservation District fuels program equaling 100 acres of fuels treatments